

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	28	US-2175095-\$.DID. OR US-2744853-\$.DID. OR US-2778777-\$.DID. OR US-3023160-\$.DID. OR US-3150081-\$.DID. OR US-3167500-\$.DID. OR US-3322664-\$.DID. OR US-4164472-\$.DID. OR US-4432865-\$.DID. OR US-4439345-\$.DID. OR US-4587005-\$.DID. OR US-4645589-\$.DID. OR US-4778589-\$.DID. OR US-4778590-\$.DID. OR US-4778591-\$.DID. OR US-4778592-\$.DID. OR US-4789463-\$.DID. OR US-4853109-\$.DID. OR US-4988433-\$.DID. OR US-5080779-\$.DID. OR US-5176847-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:46

## EAST Search History

S2	226	("1962181"   "2641531"   "2641532"   "2739103"   "2744853"   "2767123"   "2778777"   "2828267"   "2847362"   "2906693"   "2971905"   "2972577"   "2976233"   "3023160"   "3052627"   "3055829"   "3067126"   "3095368"   "3153623"   "3167500"   "3186951"   "3317421"   "3322664"   "3377268"   "3413307"   "3449243"   "3625761"   "3625881"   "3676079"   "3689218"   "3819508"   "3835035"   "3919076"   "3930988"   "4021333"   "4025458"   "4028226"   "4031002"   "4036740"   "4065396"   "4073719"   "4073720"   "4089803"   "4111845"   "4141858"   "4148717"   "4166806"   "4167471"   "4192736"   "4207204"   "4208302"   "4209422"   "4228002"   "4276185"   "4280897"   "4287049"   "4321128"   "4321147"   "4342645"   "4342657"   "4366049"   "4384977"   "4394324"   "4396496"   "4399024"   "4415434"   "4419225"   "4421638"   "4431524"   "4432864"   "4432865"   "4432890"   "4439345"   "4446006"   "4454025"   "4464251"   "4465589"   "4474682"   "4491513"   "4491514"   "4491515"   "4518484"   "4518489"   "4522702"   "4525269"   "4529503"   "4539099"   "4548700"   "4558080"   "4568450"   "4576707"   "4587005"   "4645589"   "4778590"   "4789463"   "4830766"   "4853109"   "4948513"   "4988433").PN. OR ("2175095"   "2744853"   "2778777"   "3023160"   "3150081"   "3167500"   "3322664"   "4164472"   "4432865"   "4439345"   "4587005"   "4645589"   "4778589"   "4778590"   "4778591"   "4778592"   "4789463"   "4853109"   "4988433"   "5080779"   "5176847").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 18:01
S3	785	208/251R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 16:16

## EAST Search History

S4	1	(S1 or S2 or S3) and emulsion with hydrocarbon with water with (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 14:33
S5	2	(S1 or S2) and emulsion with hydrocarbon with water and (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt) and (sulfuric adj acid or phosphoric adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 14:42
S6	492	208/254R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:17
S7	631	585/3.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 14:32
S8	28	US-2175095-\$.DID. OR US-2744853-\$.DID. OR US-2778777-\$.DID. OR US-3023160-\$.DID. OR US-3150081-\$.DID. OR US-3167500-\$.DID. OR US-3322664-\$.DID. OR US-4164472-\$.DID. OR US-4432865-\$.DID. OR US-4439345-\$.DID. OR US-4587005-\$.DID. OR US-4645589-\$.DID. OR US-4778589-\$.DID. OR US-4778590-\$.DID. OR US-4778591-\$.DID. OR US-4778592-\$.DID. OR US-4789463-\$.DID. OR US-4853109-\$.DID. OR US-4988433-\$.DID. OR US-5080779-\$.DID. OR US-5176847-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 14:32

## EAST Search History

S9	226	( "1962181"   "2641531"   "2641532"   "2739103"   "2744853"   "2767123"   "2778777"   "2828267"   "2847362"   "2906693"   "2971905"   "2972577"   "2976233"   "3023160"   "3052627"   "3055829"   "3067126"   "3095368"   "3153623"   "3167500"   "3186951"   "3317421"   "3322664"   "3377268"   "3413307"   "3449243"   "3625761"   "3625881"   "3676079"   "3689218"   "3819508"   "3835035"   "3919076"   "3930988"   "4021333"   "4025458"   "4028226"   "4031002"   "4036740"   "4065396"   "4073719"   "4073720"   "4089803"   "4111845"   "4141858"   "4148717"   "4166806"   "4167471"   "4192736"   "4207204"   "4208302"   "4209422"   "4228002"   "4276185"   "4280897"   "4287049"   "4321128"   "4321147"   "4342645"   "4342657"   "4366049"   "4384977"   "4394324"   "4396496"   "4399024"   "4415434"   "4419225"   "4421638"   "4431524"   "4432864"   "4432865"   "4432890"   "4439345"   "4446006"   "4454025"   "4464251"   "4465589"   "4474682"   "4491513"   "4491514"   "4491515"   "4518484"   "4518489"   "4522702"   "4525269"   "4529503"   "4539099"   "4548700"   "4558080"   "4568450"   "4576707"   "4587005"   "4645589"   "4778590"   "4789463"   "4830766"   "4853109"   "4948513"   "4988433").PN. OR ("2175095"   "2744853"   "2778777"   "3023160"   "3150081"   "3167500"   "3322664"   "4164472"   "4432865"   "4439345"   "4587005"   "4645589"   "4778589"   "4778590"   "4778591"   "4778592"   "4789463"   "4853109"   "4988433"   "5080779"   "5176847").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/23 14:32
S10	785	208/251R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 14:32

## EAST Search History

S11	1	(S8 or S9 or S10 or S6 or S7) and emulsion with hydrocarbon with water with (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:18
S12	8	(S6 or S7 or S8 or S9 or S10) and emulsion with hydrocarbon with water and (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 14:34
S13	1	("4551239").PN.	USPAT; USOCR	OR	OFF	2006/07/22 14:57
S14	28	US-2175095-\$.DID. OR US-2744853-\$.DID. OR US-2778777-\$.DID. OR US-3023160-\$.DID. OR US-3150081-\$.DID. OR US-3167500-\$.DID. OR US-3322664-\$.DID. OR US-4164472-\$.DID. OR US-4432865-\$.DID. OR US-4439345-\$.DID. OR US-4587005-\$.DID. OR US-4645589-\$.DID. OR US-4778589-\$.DID. OR US-4778590-\$.DID. OR US-4778591-\$.DID. OR US-4778592-\$.DID. OR US-4789463-\$.DID. OR US-4853109-\$.DID. OR US-4988433-\$.DID. OR US-5080779-\$.DID. OR US-5176847-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:01

## EAST Search History

S15	226	("1962181"   "2641531"   "2641532"   "2739103"   "2744853"   "2767123"   "2778777"   "2828267"   "2847362"   "2906693"   "2971905"   "2972577"   "2976233"   "3023160"   "3052627"   "3055829"   "3067126"   "3095368"   "3153623"   "3167500"   "3186951"   "3317421"   "3322664"   "3377268"   "3413307"   "3449243"   "3625761"   "3625881"   "3676079"   "3689218"   "3819508"   "3835035"   "3919076"   "3930988"   "4021333"   "4025458"   "4028226"   "4031002"   "4036740"   "4065396"   "4073719"   "4073720"   "4089803"   "4111845"   "4141858"   "4148717"   "4166806"   "4167471"   "4192736"   "4207204"   "4208302"   "4209422"   "4228002"   "4276185"   "4280897"   "4287049"   "4321128"   "4321147"   "4342645"   "4342657"   "4366049"   "4384977"   "4394324"   "4396496"   "4399024"   "4415434"   "4419225"   "4421638"   "4431524"   "4432864"   "4432865"   "4432890"   "4439345"   "4446006"   "4454025"   "4464251"   "4465589"   "4474682"   "4491513"   "4491514"   "4491515"   "4518484"   "4518489"   "4522702"   "4525269"   "4529503"   "4539099"   "4548700"   "4558080"   "4568450"   "4576707"   "4587005"   "4645589"   "4778590"   "4789463"   "4830766"   "4853109"   "4948513"   "4988433").PN. OR ("2175095"   "2744853"   "2778777"   "3023160"   "3150081"   "3167500"   "3322664"   "4164472"   "4432865"   "4439345"   "4587005"   "4645589"   "4778589"   "4778590"   "4778591"   "4778592"   "4789463"   "4853109"   "4988433"   "5080779"   "5176847").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 18:01
S16	0	(S14 or S15) with chelating with (glycolic adj acid or gluconic adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 18:02
S17	0	(S14 or S15) with chelat\$4 with (glycolic adj acid or gluconic adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 18:02

## EAST Search History

S18	787	208/251R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 18:02
S19	0	(S14 or S15 or S18) with chelat\$4 with (glycolic adj acid or gluconic adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:23
S20	970	chelat\$4 with (glycolic adj acid or gluconic adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:06
S21	0	(S14 or S15 or S18) with chelat\$4 with (glycolic with acid or gluconic with acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:11
S22	0	(S14 or S15 or S18) with chelat\$4 with (glycolic or gluconic)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:08
S23	0	(S14 or S15 or S18) with chelat\$4 with (glycolic or gluconic or malic)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:08
S24	0	(S14 or S15 or S18) with chelat\$4 with (glycolic or gluconic or malic or lactic)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:08
S25	0	(S14 or S15 or S18) with chelat\$4 with (glycolic or gluconic or malic or lactic or alpha-hydroxy)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:08
S26	0	(S14 or S15 or S18) with chelat\$4 with (glycolic or gluconic or malic or lactic or alpha-hydroxy or poly-hydroxy)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:09
S27	0	(S14 or S15 or S18) with chelat\$4 with (hydroxy with carboxylic with acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:10
S28	0	(S14 or S15 or S18) with chelat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:10
S29	70	(S14 or S15 or S18) and chelat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:10
S30	2	(S14 or S15 or S18) and chelat\$4 with (glycolic with acid or gluconic with acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:13
S31	2	(S14 or S15 or S18) and chelat\$4 with (mineral adj acid or phosphoric adj acid or sulfuric adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:53
S32	0	(S14 or S15 or S18) with chelat\$4 with (mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:23

## EAST Search History

S33	1	(S14 or S15 or S18) and chelat\$4 with (mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:58
S34	0	(S14 or S15 or S18) and glycolic adj acid with (mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:29
S35	4	S14 and mineral adj acid	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:30
S37	0	chelat\$4 with mineral adj acid with glycolic adj acid	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:54
S38	44	chelat\$4 with mineral adj acid with ph	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:56
S39	11	glycolic adj acid with mineral adj acid with ph	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:56
S40	1	(S14 or S15 or S18) and chela\$4 with (mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:58
S41	1	(S14 or S15 or S18) and chela\$5 with (mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 19:58
S42	1	(S14 or S15 or S18) and chela\$5 with mineral adj acid	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 19:58
S43	0	(S14 or S15 or S18) and chela\$5 with sulfuric adj acid	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 19:59
S44	1	(S14 or S15 or S18) and chela\$5 with phosphoric adj acid	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 19:59
S45	17	("2739103"   "4276185"   "4342657"   "4415434"   "4548700"   "4778590"   "4789463"   "4830766"   "4853109"   "4988433").PN. OR ("5080779").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/05 15:40
S46	1	S45 and glycolic	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/05 18:38
S47	17	("2739103"   "4276185"   "4342657"   "4415434"   "4548700"   "4778590"   "4789463"   "4830766"   "4853109"   "4988433").PN. OR ("5080779").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/05 18:38

## EAST Search History

S48	9	S47 and "pH"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/05 18:38
S49	1	208/251R.ccls. and wash adj water same gluconic adj acid	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 16:16
S50	1	208/251R.ccls. and wash adj water same gluconic	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 16:16
S51	1	208/251R.ccls. and wash with water same gluconic	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 16:17
S52	1	208/251R,252.ccls. and wash with water same gluconic	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 16:17
S53	28	US-2175095-\$.DID. OR US-2744853-\$.DID. OR US-2778777-\$.DID. OR US-3023160-\$.DID. OR US-3150081-\$.DID. OR US-3167500-\$.DID. OR US-3322664-\$.DID. OR US-4164472-\$.DID. OR US-4432865-\$.DID. OR US-4439345-\$.DID. OR US-4587005-\$.DID. OR US-4645589-\$.DID. OR US-4778589-\$.DID. OR US-4778590-\$.DID. OR US-4778591-\$.DID. OR US-4778592-\$.DID. OR US-4789463-\$.DID. OR US-4853109-\$.DID. OR US-4988433-\$.DID. OR US-5080779-\$.DID. OR US-5176847-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:12
S54	2	S53 and wash adj water	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:12
S55	1365	208/251R,252,254R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:53
S56	1	(S55) and emulsion with hydrocarbon with water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:19

## EAST Search History

S57	634	585/3.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:19
S58	0	(S57) and emulsion with hydrocarbon with water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:19
S59	0	(S53) and emulsion with hydrocarbon with water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:20
S60	0	(S53) and emulsion with hydrocarbon with water and water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:50
S61	0	(S57) and emulsion with hydrocarbon with water and water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:20
S62	2	(S55) and emulsion with hydrocarbon with water and water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:39
S63	0	(S53) and emulsion with hydrocarbon with water and water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:20
S64	15	S53 and "pH"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:23

## EAST Search History

S65	9	(S55) and emulsion with hydrocarbon with water and water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt or salt with (potassium or sodium))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:44
S66	9	(S55) and emulsion with hydrocarbon with water and water same (glycolic near acid or gluconic near acid or thioglycolic near acid or chloroacetic near acid or polyglycolic near ester or glycolate adj ether or ammonium near salt or salt with (potassium or sodium))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:45
S67	0	(S57) and emulsion with hydrocarbon with water and water same (glycolic near acid or gluconic near acid or thioglycolic near acid or chloroacetic near acid or polyglycolic near ester or glycolate adj ether or ammonium near salt or salt with (potassium or sodium))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:45
S68	0	(S53) and emulsion with hydrocarbon with water and water same (glycolic near acid or gluconic near acid or thioglycolic near acid or chloroacetic near acid or polyglycolic near ester or glycolate adj ether or ammonium near salt or salt with (potassium or sodium))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:45
S69	0	(S53) and wash adj water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:51
S70	4	(S55) and wash adj water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:51
S71	0	(S57) and wash adj water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:22

## EAST Search History

S72	0	(S57) and chelat\$4 same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:52
S73	4	(S55) and chelat\$4 same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:55
S74	0	(S53) and chelat\$4 same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:54
S75	4	(S55) and chelat\$4 same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt) and ph	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 08:56
S76	434	wash adj water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:24
S77	31	wash adj water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt) same crude	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:26
S78	263	water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt) same crude adj oil	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:28
S79	13	water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt) same crude adj oil same mineral adj acid	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:26

## EAST Search History

S80	28	US-2175095-\$.DID. OR US-2744853-\$.DID. OR US-2778777-\$.DID. OR US-3023160-\$.DID. OR US-3150081-\$.DID. OR US-3167500-\$.DID. OR US-3322664-\$.DID. OR US-4164472-\$.DID. OR US-4432865-\$.DID. OR US-4439345-\$.DID. OR US-4587005-\$.DID. OR US-4645589-\$.DID. OR US-4778589-\$.DID. OR US-4778590-\$.DID. OR US-4778591-\$.DID. OR US-4778592-\$.DID. OR US-4789463-\$.DID. OR US-4853109-\$.DID. OR US-4988433-\$.DID. OR US-5080779-\$.DID. OR US-5176847-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:48
S81	15	S80 and ph	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:46
S82	3	S80 and electrodes	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:49
S83	3	S80 and electrical	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:49
S84	1365	208/251R,252,254R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:58
S85	0	S84 and electric\$4 with coalesc\$4 and mineral adj acid and pH	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:55
S86	13	S84 and electric\$4 and mineral adj acid and pH	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 10:55
S87	81	water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether or ammonium adj salt) same crude adj oil same (HCL or hydrochloric adj acid or sulfuric adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:29

## EAST Search History

S88	18	water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether) same crude adj oil same (HCL or hydrochloric adj acid or sulfuric adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:29
S89	35	water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether) same crude adj oil and (HCL or hydrochloric adj acid or sulfuric adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:30
S90	35	water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether) same crude adj oil and (HCL or hydrochloric adj acid or sulfuric adj acid or mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:35
S91	296	crude and water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether) same hydrocarbon and (HCL or hydrochloric adj acid or sulfuric adj acid or mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:45
S92	634	585/3.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:36
S93	1	(S84 or S92) and S91	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:37
S94	4	"510"/\$.ccls. and S91	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:37
S95	8015	crude same water and (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether) and (HCL or hydrochloric adj acid or sulfuric adj acid or mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:47

## EAST Search History

S96	230	crude adj oil same water and water same (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether) and (HCL or hydrochloric adj acid or sulfuric adj acid or mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:57
S97	1	S96 and S84	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:48
S98	3	S95 and S84	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:48
S99	1016	crude adj oil and water and (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether) and (HCL or hydrochloric adj acid or sulfuric adj acid or mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:57
S100	16523	(crude adj oil or hydrocarbon) and water and (glycolic adj acid or gluconic adj acid or thioglycolic adj acid or chloroacetic adj acid or polyglycolic adj ester or glycolate adj ether) and (HCL or hydrochloric adj acid or sulfuric adj acid or mineral adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:58
S101	8	S84 and S100	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:58